

not one which blesses him more on earth—none which makes him more pleasant, more agreeable, more welcome, and even more useful to his fellows—than tact; which has, moreover, no counterfeits. Perhaps nor everyone amongst us knows the meaning in which we use this little four-letter word. Our French friends use it in the sense in which we employ it—a sense highly complimentary to him who has it. In the original Latin, tact was but touch, which in our tongue is its first meaning; from touch comes its meaning of feeling, and, by a combination of touch and feeling, it came to signify a certain natural sense, telling a man how adroitly and appropriately to touch on all topics, and to deal with all men. Tact is the sense which enables us to speak and to act rightly at the right moment, on any and every occasion. Common-sense is a great, but not so high a gift as tact. The former is the rough Portland stone of human nature; the latter is the marble, and, like it, is capable of receiving a high polish. The one many men have without the other; but tact without common-sense is an impossibility. Take two men; the one has tact, the other common-sense. The voice of the people, as the phrase now runs, or their corrupt votes, or the bayonets of an all-powerful soldiery, raise to power a ruler, whom common-sense perceives to be bad and baneful for the nation. Knowing this, the man of common-sense is seized with rage. He wishes—nay, perhaps he even attempts—to struggle against the bad ruler, and in doing this he fails; while he, who has tact, perceives the uselessness of all efforts now to overthrow the powerful one, and restrains his just, but useless rage, until the time for action comes. He will not pluck the apple until it is ripe to fall.—*The Hawthorn.*

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MONTREAL.
Session 1872-73.

THE CLASSES IN THE SEVERAL FACULTIES will open as follows:

- Faculty of Arts, September 16th.
- Faculty of Medicine, October 1st.
- Faculty of Law, October 1st.

The Department of Practical Science in the Faculty of Arts, including Courses in Engineering Mining, Practical Chemistry and Assaying, September 16th.

The Classes in the McGill Normal School will be open on the 2nd September.

In the Examinations in the Faculty of Arts, commencing September 18th, the following Scholarships and Exhibitions will be offered:—

- First Year 3 Exhibitions—2 of \$125; 1 of \$100.
- Second Year 3 Exhibitions—2 of \$125; 1 of \$100.
- Third Year 4 Scholarships, tenable for two years, of \$100 to \$125 yearly.

The Calendar containing details of all the above Courses may be had on application, post-paid, to the undersigned.

W. C. BAYNES, B. A.,
Secretary.

Meteorological Observations.

From the Records of the Montreal Observatory, Lat. 45° 31' North, Long. 4h. 54m. 11 sec. west of Greenwich. Height above the level of the sea, 133 feet. For the month of July, 1872. By CHARLES SMALLWOOD, M.D., LL.D., D.C.L.

DAYS.	Barometer at 32°			Temperature of the Air.			Direction of Wind.			Miles in 24 hours.
	7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.	
1	29.923	29.820	29.831	75.0	78.0	73.6	W	W	W	246.12
2	.900	.920	.925	64.2	72.6	72.2	N E	N E	N E	221.51
3	.8 9	.72	.676	69.0	87.3	76.0	S	S	S	91.16
4	.705	.782	.800	74.0	79.0	76.2	W	W	W	197.74
5	.85	.889	.974	70.0	80.8	72.3	W	W	W	220.17
6	30.026	.997	30.126	67.0	82.3	74.1	W	W	W	184.18
7	.081	30.100	.161	68.1	8.4	75.0	W	W	W	205.18
8	.211	.200	.174	70.5	87.0	73.4	W	W	W	104.17
9	.130	.057	.026	68.1	90.4	77.0	S E	S W	W	81.74
10	29.949	29.311	29.850	73.3	81.0	74.9	S	W	W	101.87
11	.890	.872	.850	51.1	85.1	75.0	N	W	W	146.13
12	.778	.7 4	.900	70.6	88.7	72.8	W	W	W	223.31
13	30.082	30.063	30.050	59.2	72.7	66.4	N E	W S	W	281.70
14	.002	29.956	29.951	64.1	85.7	76.0	W S	W	W	1-9.17
15	29.924	.872	.842	70.1	90.6	82.1	W	W	W	97.84
16	.788	.753	.750	75.3	90.8	81.5	W	S	W S	76.20
17	.950	.846	.900	76.0	83.7	77.3	W	S	W S	97.07
18	.900	.854	.881	69.2	73.0	72.6	N E	N E	N E	181.04
19	.920	.948	.951	68.0	80.8	72.0	N	N	W N	101.71
20	30.000	.987	.965	64.5	78.9	71.2	W	W	W	163.77
21	29.876	.824	.776	67.0	69.2	66.0	S	W	S W	201.21
22	.721	.800	.861	63.2	69.0	64.2	N	N	W N	194.11
23	.911	.874	.826	62.0	76.4	68.3	W	W	S W	179.20
24	.821	.8 6	.911	65.2	79.1	68.9	W	W	N W	141.23
25	30.031	30.042	30.063	60.2	76.1	69.0	N	W	W	104.11
26	29.851	29.656	29.650	64.7	65.8	61.0	S	S	W	74.18
27	.822	.900	.926	57.6	69.2	62.0	N	W	N W	118.11
28	30.000	.966	.962	58.0	66.0	60.0	N	W	W	401.11
29	29.976	.977	.950	58.4	61.8	60.3	N E	N E	N E	186.11
30	30.000	.985	.961	58.0	72.8	66.3	N E	N	W N	89.79
31	29.962	.904	.925	57.8	74.0	66.1	N	W	W	101.11

REMARKS.

The highest reading of the Barometer was at 11.30 p. m. of the 8th day, and was 30.217 inches; the lowest reading occurred at 1 a. m. of the 26th day, 29.650 inches giving a monthly range of 0.567 inches. The mean reading of the month was 29.914 inches.

The highest Temperature was on the 16th day, and indicated 93° 8; the lowest was on the 28th day, and was 55° 3, giving a monthly range or climatic difference of 38° 5. The mean temperature of the month was 71° 97.

Rain fell on 14 days, amounting to 3.430 inches, and was accompanied by thunder and lightning on 4 days. Nearly half an inch of rain fell in 25 minutes on the 26th day.

—Observations taken at Halifax, N. S. during the month of July, 1872 Lat. 44° 39' N.; long. 63° 36' W.; height above the sea 175 feet; by Sergt. Thurin A. H. C. Halifax.

Barometer, highest reading on the 9th.....	30.129 inches
" lowest " " 11th.....	29.539
" range of pressure.....	0.590
" mean for month (reduced to 32°).....	29.691
Thermometer, highest in shade on the 1st.....	90.2 degrees
" lowest " " 31st.....	44.9
" range in month.....	45.3
" mean of all highest.....	79.7
" mean of all lowest.....	52.6
" mean daily range.....	27.1
" mean for month.....	66.1
" highest reading in sun's rays.....	141.0
" lowest on grass.....	36.0
Hygrometer, mean of dry bulb.....	69.7
" mean of wet bulb.....	63.0
" mean dew point.....	51.9
" elastic force of vapour.....	480
" weight of vapour in a cubic foot of air....	5.3 grains
" weight required to saturate do.....	2.7
" the figure of humidity (Sat. 100).....	66
" average weight of a cubic foot of air.....	517.7
Wind, mean direction of North.....	15.00 days
" " East.....	2.00
" " South.....	6.50
" " West.....	7.50
" daily force.....	2.4
" daily horizontal movement.....	221.8 miles
Cloud, mean amount of, (0-10).....	5.8
Ozone, mean amount of, (0-10).....	3.4
Rain, number of days it fell.....	10
Snow, number of days it fell.....	1
Amount of rain collected on ground.....	3.11 inches
Fog number of days.....	9 days